A new circulating water makeup design will support increased makeup requirements and add a degree of redundancy to the system.

MODIFICATIONS AFFECTING EMISSIONS

1. **Increase Fuel Flow (Heat Input)**
In order to utilize increased capacity, coal combustion will increase approximately 5.9%.

2. **Scrubber Wall Ring:**
Patented wall rings will be installed in all twelve (12) scrubber absorber vessels to move flow back to the center of the vessel, preventing slip, and providing more efficient SO_2 and acid gas capture in the flue gas.

MODIFICATION TIME LINE

The time line for these modifications will follow the same dates as described in the Gantt chart previously submitted.

We do not intend to make the other modifications described in our original NOI at this time.

EFFECT on EMISSIONS

The emissions change for this project is calculated as follows:

Pollutant	Current Emissions (2yr Avg) tons/year	Emission Increases tons/year	Expected Emissions tons/year
PM10	787.67	9.75	797.41
SO2	3586.31	0.00	3586.31
NOx	25143.97	0.00	25143.97
CO	1317.06	77.56	1394.62
VOC	11.81	0.69	12.50
Lead	0.098	0.007	0.105
Beryllium	0.001195529	-0.00008	0.001119
Mercury	0.081	0.024	0.105
Fluorides (HF)	9.70	0.42	10.12
Sulfuric Acid	4.06	-0.11	3.96
Other HAPs (non-VOC)	59.38	0.40	59.78

We have provided no emission calculations for Hydrogen Sulfide, Total Reduced Sulfur, Reduced Sulfur Compounds, Asbestos, and Vinyl Chloride as we have no emission factors applicable to these.

We appreciate the efforts of your staff in working with us. IPSC will continue to clarify questions and issues as requested to ensure the approval process proceeds smoothly.